CONNECTExplorer lets you view and analyze Pictometry aerial imagery in an easy-to-use web-based interface. You can pan images and maps, measure and annotate, enter an address to quickly locate a point of interest, view GIS layers overlaid on images, and view several images of the same location taken from different directions or at different times.

**LOGGING IN**

To access CONNECTExplorer, point your browser to [https://explorer.pictometry.com](https://explorer.pictometry.com), enter your CONNECT credentials, and click CONNECTExplorer™.

**PICTOMETRY IMAGES**

Pictometry captures multiple views of every location, including two types of images and two image levels. The types of images and image levels available vary with the location you are viewing.

Image types:
- **Orthogonal** — taken straight down
- **Oblique** — taken at an angle of approximately 45 degrees

Image levels:
- **Community** — shot from a higher altitude to show a larger geographic area (ground footprint)
- **Neighborhood** — shot from a lower altitude to show more detail

**APPLICATION WINDOW**

A clean, uncluttered interface provides easy access to tools and features and maximizes image viewing.

**BUTTONS:**
- **1** = SEARCH
- **2** = BOOKMARKS
- **3** = LAYERS
- **4** = MEASURE/ANNOTATE
- **5** = IDENTIFY
- **6** = ACCOUNT
- **7** = MAP TYPE
- **8** = SELECT CAPTURE DATE(S)
- **9** = PREVIOUS IMAGE AND NEXT IMAGE
- **10** = DUAL PANE
- **11** = GPS TOOL
- **12** = EXPORT IMAGE / SHARE LINK OPTIONS

Opens the Workspace pane.
NAVIGATING

Select Tool — drag the image or map in the desired direction, then release the mouse button.

Map Type list — switch between different image and map types by selecting the desired type.

Zoom Slider — zoom in or out incrementally by dragging the slider or by clicking + or -.

Zoom Shortcuts — click a shortcut to jump directly to its zoom level.

Previous Image < and Next Image > buttons — click to view more images of the same (or similar) orientation for the current location at the current zoom level.

Navigation buttons (symbols on the compass) — click to view the location from the south (north up), north (south up), east (west up), west (east up), or from directly above (ortho).

Note: The text that appears when you move the mouse over a navigation button changes as you switch image orientation.

SEARCHING

Searching for images by address

To search for images:
1. Click the Search toolbar button.
2. Make sure the Search window shows "Search by Address" (if not, select Address from the search type list).
3. Enter search criteria in the Search box.
4. Click the Search button.

You can search for a street address, intersection, city, state, country, province, territory, Lat/Long coordinates, airport, or place of interest (like the "Statue of Liberty").

Depending on the GIS data available to you and how it’s been configured, you might also be able to search for locations based on your GIS data (if it’s been configured as a search type). The information you enter as search criteria depends on the search type you choose. Search results are listed in the Search window.

IDENTIFYING GIS DATA

To identify GIS data:
1. Click the Identify toolbar button.
2. Click the desired tool (Point, Box, or Line).
3. (Optional) To select specific layers, click the current layer selection and select the layers from the dialog box.
4. (Optional) Enter a number for a buffer and its unit of measure.
5. Per your selection in step 2, click a point on the image, or draw a box or line. Identified results are listed in the Identify window.
### Measuring and Annotating

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<tr>
<th>Tool</th>
<th>Instructions</th>
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<tbody>
<tr>
<td>Location</td>
<td>Click a point to see its coordinates.</td>
</tr>
<tr>
<td>Distance</td>
<td>Click first point, optionally click more points, double-click last point.</td>
</tr>
<tr>
<td>Dist. Gnd.</td>
<td>Click first point, optionally click more points, then double-click last point. (Reflects changes in the Earth's surface)</td>
</tr>
<tr>
<td>Area</td>
<td>Click each corner, then double-click.</td>
</tr>
<tr>
<td>Circle Area</td>
<td>Click the center of the circle, then click a point on circumference.</td>
</tr>
<tr>
<td>Vert. Area</td>
<td>Click lower point then upper point (or vice versa), move mouse away from the connecting line, click when area is outlined.</td>
</tr>
<tr>
<td>Vert. Area (building façade)</td>
<td>Click lower point then upper point (or vice versa), move mouse away from the connecting line, click when area is outlined.</td>
</tr>
<tr>
<td>Height</td>
<td>Click the low point, then click the high point (or vice versa)</td>
</tr>
<tr>
<td>Elevation (ground level)</td>
<td>Click a point to see its elevation.</td>
</tr>
<tr>
<td>Grnd. Slope</td>
<td>Click a start point, then click an end point.</td>
</tr>
<tr>
<td>Bearing</td>
<td>(Bearing) click start point, double-click end point. (Angle) click vertex, click end point of first ray, click end point of second ray.</td>
</tr>
<tr>
<td>Slope</td>
<td>Click roof peak then eave point. Click peak and eave in second image.</td>
</tr>
<tr>
<td>XYZ</td>
<td>Click a point. Click same point in second image.</td>
</tr>
<tr>
<td>Link Portal</td>
<td>Enter Link Portal URL, click the location to view in Portal window.</td>
</tr>
<tr>
<td>Coverage</td>
<td>Click a location to see the type of imagery available.</td>
</tr>
<tr>
<td>EagleView</td>
<td>Click to order an EagleView report.</td>
</tr>
<tr>
<td>Shape</td>
<td>Click each corner, double-click to finish.</td>
</tr>
<tr>
<td>Circle</td>
<td>Click the center of the circle, then click a point on circumference.</td>
</tr>
<tr>
<td>Line</td>
<td>Click first point, optionally click more points, double-click last point.</td>
</tr>
<tr>
<td>Text</td>
<td>Click a point and enter the text in the dialog box.</td>
</tr>
<tr>
<td>Marker</td>
<td>Select a marker from one of the categories (Classic, Signs, Vehicles, or Markers) in the Measure/Annotate window and click on the image where you want to place the marker.</td>
</tr>
</tbody>
</table>

As you measure, annotations (graphic results like lines or dots) appear on the image or map. Depending on your user preferences, the annotations disappear if you click a different tool or take a new measurement. You can pin the annotations so they continue to appear while you take new measurements.

### Changing tool properties

You can change the properties of the active tool or of the selected annotation. If you activate a tool and change its properties, your changes affect future annotations (and become that tool's default properties). They don't affect annotations and measurements you previously completed. If you select an existing annotation in the Image pane or Workspace pane and change its properties, your changes affect only the selected annotation.

To edit an existing annotation:

1. Either select the annotation in the Workspace pane or do the following: click the Measure/Annotate toolbar button, click the Select tool, and select the annotation in the Image pane.
2. Edit the annotation (add or move points, drag to move the annotation, open the Measure/Annotate window and change annotation properties). Click in the Image pane to complete the editing process.

SAVING ANNOTATIONS IN WORKSPACES

The Workspace pane opens on the left when you click the Workspaces tab and lists pinned measurements and annotations you’ve drawn during the current session, or the contents of the workspace you open. When you start CONNECTExplorer, the Workspace pane is initially closed and empty. When you pin measurements (or if your user preference is set to pin automatically), they are added to the Workspace pane. (Drawn annotations are added automatically.)

EXPORTING IMAGES

To export an image:
1. Click the Export toolbar button and select the desired option.
2. If you selected “Export Area,” click on the image to draw a rectangle around the area to export, move the mouse, then click again to finish the rectangle.
3. If you selected “Export PDF,” enter an image title, and click OK.
4. Open, save, or print the file.

VIEWING LAYERS

To view layers:
1. Click the Layers toolbar button.
2. Select the check boxes for layers you want to view, clear those you don’t want to view.

If a layer has an arrow symbol to the left of its check box, you can click the arrow to view a legend of that layer’s symbols.